



Atty. Dkt. No. 034547-0104

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant: Harm M. Deckers et al.  
Title: THIOREDOXIN AND THIOREDOXIN  
REDUCTASE CONTAINING OIL BODY  
BASED PRODUCTS  
Appl. No.: 09/897,898  
Filing Date: 07/05/2001  
Examiner: Yong D. Pak  
Art Unit: 1652

**INFORMATION DISCLOSURE STATEMENT**  
**UNDER 37 CFR §1.56**

Mail Stop PATENT APPLICATION  
Commissioner for Patents  
PO Box 1450  
Alexandria, Virginia 22313-1450

Sir:

Submitted herewith on Form PTO/SB/08 is a listing of a document known to Applicants in order to comply with Applicants' duty of disclosure pursuant to 37 CFR §1.56.

Applicants also submit herewith the listing of documents cited by or submitted to the United States Patent and Trademark Office in application Serial No. 09/448,755, filed November 24, 1999. As provided in 37 CFR §1.98(d), a copy of the documents are not being provided since it was previously submitted to the United States Patent & Trademark Office in the above-identified application.

The submission of any document herewith, which is not a statutory bar, is not intended as an admission that such document constitutes prior art against the claims of the present application or that such document is considered material to patentability as defined in 37 CFR §1.56(b). Applicants do not waive any rights to take any action which would be appropriate to antedate or otherwise remove as a competent reference any document which is determined to be a *prima facie* art reference against the claims of the present application.

02/09/2004 SSESHE1 00000084 09897898

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**TIMING OF THE DISCLOSURE**

The listed document is being submitted in compliance with 37 CFR §1.97(c), before the mailing date of either a final action under 37 CFR §1.113, a notice of allowance under 37 CFR §1.311, or an action that otherwise closes prosecution in the application.

**RELEVANCE OF EACH DOCUMENT**

All of the documents listed in the Forms PTO/SB/08 submitted herewith are in English.

Applicants respectfully request that any listed document be considered by the Examiner and be made of record in the present application and that an initialed copy of Form PTO/SB/08 be returned in accordance with MPEP §609.

**FEE**

A fee in connection with submission of an information disclosure statement under 37 CFR §1.97(c) in the amount of \$180.00 in accordance with 37 CFR §1.17(p) is attached.

The Commissioner is hereby authorized to charge any additional fees which may be required regarding this application under 37 CFR §§ 1.16-1.17, or credit any overpayment, to Deposit Account No. 19-0741. Should no proper payment be enclosed herewith, as by a check being in the wrong amount, unsigned, post-dated, otherwise improper or informal or even entirely missing, the Commissioner is authorized to charge the unpaid amount to Deposit Account No. 19-0741.

Respectfully submitted,

Date

5 February 2004

By

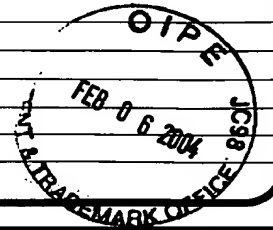
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Substitute for form 1449B/PTO <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  Date Submitted: <u>February 6, 2004</u> <i>(use as many sheets as necessary)</i>			<b>Complete if Known</b>	
			Application Number	09/897,898
			Filing Dat	07/05/2001
			First Named Inventor	Harm M. Deckers
			Group Art Unit	1652
			Examiner Name	Yong D. Pak
Sheet <u>1</u> of <u>1</u>			Attorney Docket Number	034547-0104



U.S. PATENT DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code <sup>2</sup> (if known)			

FOREIGN PATENT DOCUMENTS								
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document			Name of Patentee or Applicant of Cited Documents	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Office <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)				
	A1		WO 00/30602		Maurice Moloney	06/02/2000		

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>6</sup>

Examiner Signature	Date Considered	
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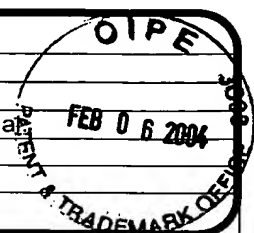
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<sup>1</sup> Unique citation designation number. <sup>2</sup> See attached Kinds of U.S. Patent Documents. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

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Sheet	1	of	2		



## U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code <sup>2</sup> (if known)			
	A1	5,683,740		Voultoury et al.	11/97	
	A2	5,643,583		Voultoury et al.	07/97	

## FOREIGN PATENT DOCUMENTS

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		Office <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)				
	A3		0 475 160			08/1991		
	A4		WO 96/41543		The Board of Regents of the University of Nebraska	12/1996		
	A5		WO 98/27115		Sembiosys Genetics Inc.	06/1998		

## NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>6</sup>
	A6	MILLICHIP, M., ET AL., "Purification and characterization of oil-bodies (oleosomes) and oil-body boundary proteins (oleosins) from the developing cotyledons of sunflower ( <i>Helianthus annuus</i> L.)", 1996, Biochemistry Journal, 314, pages 333-337.	
	A7	MURPHY, D.J. AND CUMMINS I., "Seed Oil-Bodies: Isolation, Composition and Role of Oil-Body Apolipoproteins", 1989, Phytochemistry, Vol. 28, No. 8, pages 2063-2069.	
	A8	MURPHY, D.J., "Structure and function of oleosins in oil plants", 1993, INFORM, Vol. 4, No. 8, pages 922-932.	
	A9	CHEN ET. AL., "Enhancement of Skin Penetration", Novel Cosmetic Delivery, Marcel Dekker, Inc. New York pp. 51-69	
	A10	HUANG, "Oil Bodies and Oleosins in Seeds", Annu. Rev. Plant Mol. Biol., 1992, 43:177-200	
	A11	T. J. JAKES ET AL., "Isolation and physicochemical characterization of the half-unit membranes of oilseed lipid Bodies", J. of the Amer. Oil Soc. Vol. 67(6):353-361, 1990	
	A12	S. NACHT, "Encapsulation and Other topical delivery systems" Cosmetics & Toiletries Magz. Vol. 110:25-30, September 1995	

Examiner  
Signature

Date  
Considered

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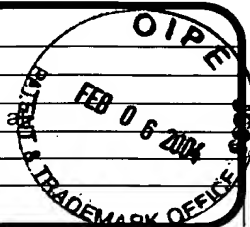
<sup>1</sup> Unique citation designation number. <sup>2</sup> See attached Kinds of U.S. Patent Documents. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document.

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	A13	ROMANOWSKI ET AL., "Stability testing of cosmetic products", Marcek Dekker, Inc. New York pp 115-130	

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